

Factoring Review + Test Prep

- 1) What are the factors of $x^2 - 13x - 30$?
- 2) What is a common factor of $x^2 - 16$ and $x^2 - 9x + 20$?
- 3) Factor Completely: $2x^2 - 8$
- 4) IF $4x$ is one factor of $4x^2 - 12x$, what is the other factor?
- 5) The greatest common factor of $8a^2b^3$ and $24ab^2$ is what?

Solve these by factoring and the Z.P.P.

$$1) x^2 + x - 30 = 0$$

$$2) x^2 + 14x + 33 = 0$$

$$3) 6x^2 - 2x = 0$$

$$4) 12x^2 - 8x = 0$$

$$5) x^2 = 7x$$

$$6) x^2 + 6 = 5x$$